

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	December 19, 2016
	Agenda Item No.	9
	Roll Call No.	<u>16-2136</u>
	Communication No.	<u>16-717</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Approving revisions to the Howe Elementary and Windsor Elementary Pedestrian Crossing Concept Plans and authorizing City staff to proceed with maintenance repairs.

SYNOPSIS:

On October 24, 2016, by Roll Call No. 16-1808, the City Council approved the Park Avenue Elementary Plan as presented and referred Howe and Windsor Elementary plans to the City Manager for review, recommendation, and to discuss the plans with the Des Moines Public Schools, and to bring back this item at the November 7, 2016 City Council meeting.

On November 7, 2016, by Roll Call No. 16-1929 and 16-1930, City Council discussed the Pedestrian Crossing Concept Plans for Windsor and Howe Elementary Schools. The City Manager recommends a revised plan be considered by City Council for approval.

FISCAL IMPACT:

Amount: \$250,000 (estimated)

Funding Source: 2016-2017 Capital Improvement Program (CIP), Page Bridge-4, City-wide Bridges, BR003

ADDITIONAL INFORMATION:

On November 7, 2016, by Roll Call No. 16-1929 and 16-1930, City Council discussed the Pedestrian Crossing Concept Plans for Windsor and Howe Elementary Schools. The City Manager recommends a revised plan for consideration by Council:

1. Authorize maintenance repairs (eight {8} to 10 year life expectancy) for the pedestrian bridge at Howe Elementary.
2. Authorize short-term maintenance repairs (one {1} to two {2} year life expectancy) on the pedestrian bridge at Windsor Elementary to allow the bridge to remain in service until approximately 2018. This would allow time to continue coordination and development of at-grade crossing options with City Council and the Des Moines Public School District.

The City Manager and staff are proposing the following for Howe and Windsor Elementary Schools:

Howe Elementary

In 2017, perform maintenance repairs (eight {8} to 10 year life expectancy) on the pedestrian bridge over Indianola Avenue in front of Howe Elementary for an estimated cost of \$200,000. Repairs include concrete structural repairs to the bridge, replacing bridge expansion joints, and replacing fencing.

Windsor Elementary

In 2017, perform short-term maintenance work (one {1} to two {2} year life expectancy) on the pedestrian bridge over University Avenue in front of Windsor Elementary for an estimated cost of \$50,000. This maintenance work includes hot-mix asphalt filling of potholes in bridge walking surface, beam edge repairs at critical fence post locations, and some spot fence repairs.

This maintenance project would allow for the bridge to remain in service while coordination and development of at-grade crossing options for Windsor Elementary continue between City Council and the Des Moines Public School District. This coordination will include considering converting University Avenue to a 3-lane roadway cross section as part of the Transportation Master Plan.

The Des Moines Public School District was consulted regarding consideration of additional options and indicated that they would support the safest option available.

Maintenance and/or repair work can be completed in 2017 if a decision is made in December 2016.

PREVIOUS COUNCIL ACTION(S):

Date: November 7, 2016

Roll Call Number: [16-1929](#) and [16-1930](#)

Action: Items regarding Howe Elementary and Windsor Elementary Pedestrian Crossing Concept Plans: ([Council Communication No. 16-645](#))

- (A) Discussion regarding Windsor Elementary Pedestrian Crossing Concept Plans Moved by Gatto to move forward with Windsor Elementary pedestrian crossing with painted median, speed feedback signs, and HAWK signal on University Avenue in 2017. City Manager to provide statistics on speeds and number of citations on University from the mobile camera. Motion Carried 5-2. Nays: Cownie and Hensley.
- (B) Discussion regarding Howe Elementary Pedestrian Crossing Concept Plans. Moved by Gatto to approve Howe Elementary pedestrian crossing with a HAWK signal south of SE 7th, a traffic signal at SE 8th Street, painted median, and speed feedback signs on Indianola Ave in 2017. Motion Carried 5-2. Nays: Cownie and Hensley.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- Approval of a funding agreement with Des Moines Public Schools
- Normal Council actions for construction plan preparation

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